

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

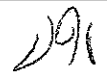
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California  
ADDRESS Attn: John Zager  
P.O. Box 196247  
Anchorage, AK 99519-6247  
FACILITY Trading Bay Production Facility  
LOCATION Cook Inlet, Alaska

(2-16)			(17-19)			
AKG-31-5002			015			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	01	01		08	01	31
(20-21)		(22-23)	(24-25)	(26-27)		(28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53)			QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS										
015 Produced Water Flow Rate *	SAMPLE MEASUREMENT	3.949337	4.077318	MGD											Weekly	Estimate		
	PERMIT REQUIREMENT	Report	Report	MGD											Weekly	Estimate		
015 Produced Water Produced Sand	SAMPLE MEASUREMENT									No Discharge								
	PERMIT REQUIREMENT									No Discharge								
015 Produced Water pH** Flow Rate >1 mgd	SAMPLE MEASUREMENT				7			7	su						5 / Month	Grab		
	PERMIT REQUIREMENT				6			9	su						Weekly	Grab		
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT					15		18	mg/l						Weekly	Grab Average		
	PERMIT REQUIREMENT					29		42	mg/l						Weekly	Grab Average		
015 Produced Water Copper	SAMPLE MEASUREMENT					5.5		5.5	µg/l						Monthly	Grab		
	PERMIT REQUIREMENT					47.0		117	µg/l						Monthly	Grab		
015 Produced Water Manganese	SAMPLE MEASUREMENT					2		2	mg/l						Monthly	Grab		
	PERMIT REQUIREMENT					25		50	mg/l						Monthly	Grab		
015 Produced Water Mercury	SAMPLE MEASUREMENT					0.2		0.2	ug/l						Monthly	Grab		
	PERMIT REQUIREMENT					0.6		1.0	ug/l						Monthly	Grab		
015 Produced Water Silver	SAMPLE MEASUREMENT					1		1	ug/l						Monthly	Grab		
	PERMIT REQUIREMENT					23		47	ug/l						Monthly	Grab		
015 Produced Water Zinc	SAMPLE MEASUREMENT					0.01		0.01	mg/l						Monthly	Grab		
	PERMIT REQUIREMENT					0.9		1.9	mg/l						Monthly	Grab		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.										 Dale A. Haines SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
John Zager General Manager Mid Continent/Alaska Business Unit												(907) 276-7600		08 02 20				
TYPED OR PRINTED												AREA CODE NUMBER		YEAR MO DA				
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)																		
See Trading Bay Production Facility Page 3 of 3 for comments.																		

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		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)					
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
015 Produced Water TAH	SAMPLE MEASUREMENT					8	8	mg/L		Monthly	Grab	
	PERMIT REQUIREMENT					18	27	mg/L		Monthly	Grab	
015 Produced Water TAqH	SAMPLE MEASUREMENT					8	8	mg/l		Monthly	Grab	
	PERMIT REQUIREMENT					Report	Report	mg/l		Monthly	Grab	
015 Produced Water Total Ammonia	SAMPLE MEASUREMENT					4	4	mg/l		Quarterly	Grab	
	PERMIT REQUIREMENT					Report	Report	mg/l		Quarterly	Grab	
015 Produced Water Whole Effluent Toxicity Mytilis sp.*	SAMPLE MEASUREMENT					143	143	TUC		Annually	Grab	
	PERMIT REQUIREMENT					283	568	TUC		Annually	Grab	
015 Produced Water Whole Effluent Toxicity Dendraster excentricus	SAMPLE MEASUREMENT					No Sample	No Sample	TUC		Annually	Grab	
	PERMIT REQUIREMENT					283	283	TUC		Annually	Grab	
015 Produced Water Whole Effluent Toxicity Meridia beryllina	SAMPLE MEASUREMENT					No Sample	No Sample	TUC		Annually	Grab	
	PERMIT REQUIREMENT					283	283	TUC		Annually	Grab	

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		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR MO DA

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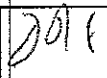
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COMMENTS PAGE 3 OF 3

- \* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.  
 Estimated workover fluid flow rate: **0.054750**  
 Estimated waterflood flow rate added to produced fluid stream to prevent line freezing : **0.094752**
- \*\* Frequency of pH measurement has been increased to more closely monitor water quality.
- \*\*\* Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

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